



Building Balance

A H O M E G R O W N B I O B A S E D F U T U R E

Financed by:



Ministerie van Landbouw,
Natuur en Voedselkwaliteit



Ministerie van Binnenlandse Zaken en
Koninkrijksrelaties



Rabobank

provincie  Overijssel

provincie limburg



provincie
Zuid-Holland

Provincie Noord-Brabant





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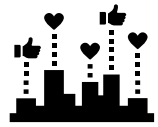


Why?

Current practices in building and construction sector need to change

- 5-12% of total national GHG emissions
- 44% of the total amount of raw material consumption

→ We still need to build houses 300.000 in our region by 2030



Don't build



Build different



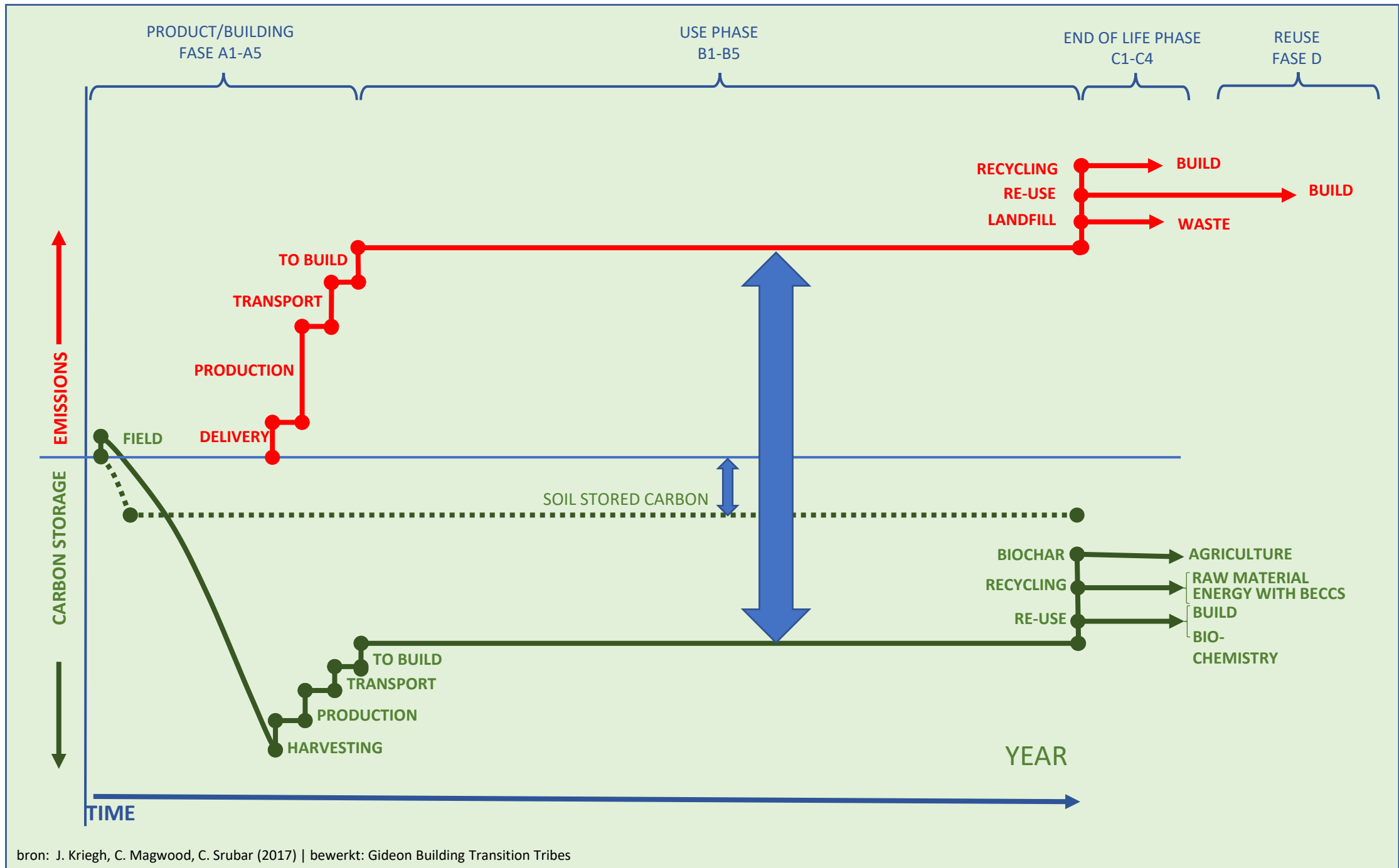
Build Recycling



Build Biobased



Low Impact construction



bron: J. Kriegh, C. Magwood, C. Srubar (2017) | bewerkt: Gideon Building Transition Tribes

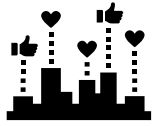


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Goals of Building Balance program

Accelerate the transition towards a biobased building and construction economy

1. 50.000 hectares of fiber crops for building and construction by 2030
2. Biobased material in construction sector grows from 0,5% to 30% in 2030
3. CO2 reduction of 1.5 Mton/year by 2030
4. 30% of the buildings from 2030 on are biobased



Don't build



Build different



Build Recycling



Build Biobased



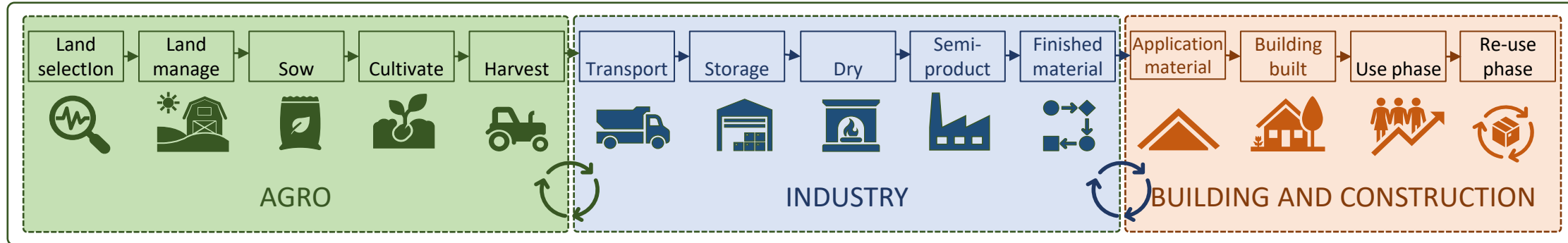
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How?

Creating regional Value Chains



1. Determine your local, innovative stakeholders

1. Farmers

2. Industry

3. Building and construction companies

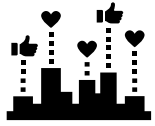
2. Organize value chain meetings

3. Determine the value chain

example

4. Agree on a multi-year agreement

example



Don't build



Build different



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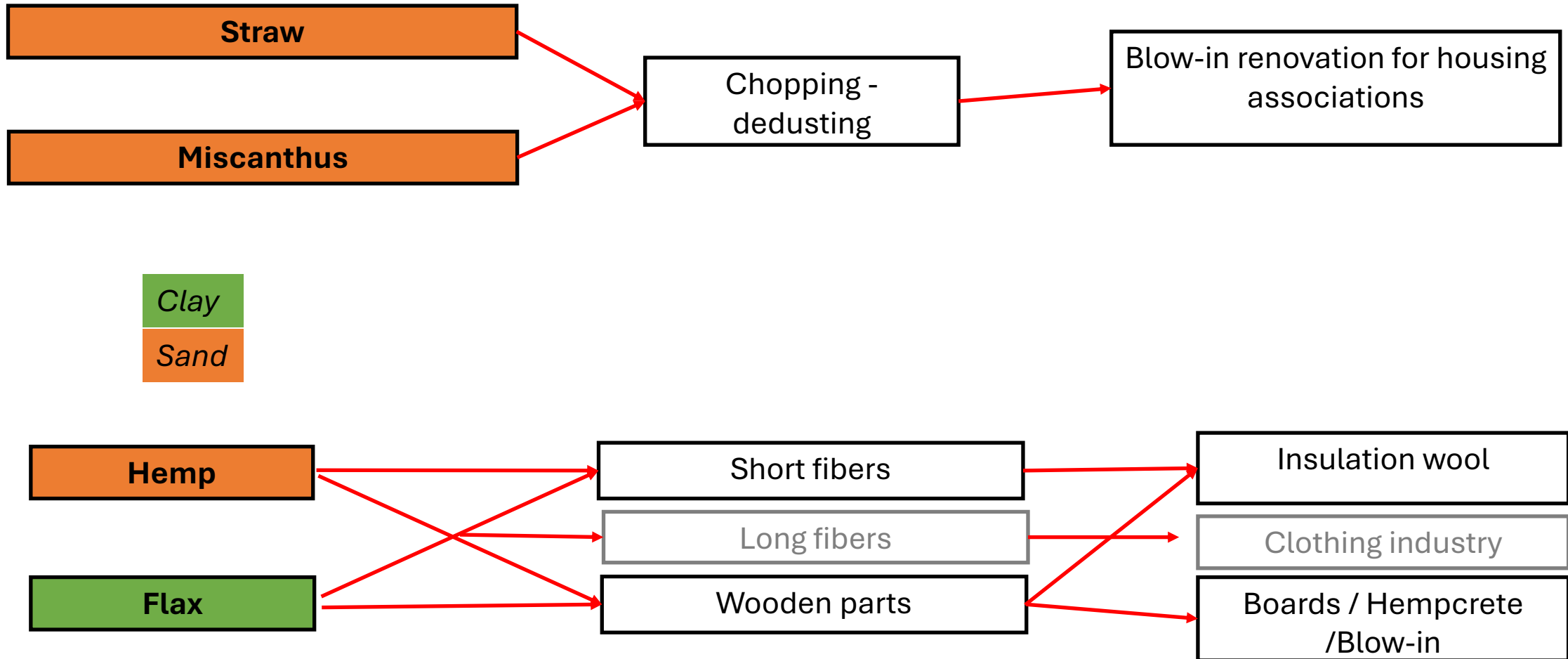


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How?

Creating regional Value Chains





Commitment Housing Associations in the province Noord-Brabant

Before summer 2024 – signed by all of them!

1. **Commitment to the need to drastically reduce the environmental impact of building materials;**
2. Commitment to making the phased transition from traditional building materials to bio-based materials;
3. **Commitment to start step-by-step growth of purchasing insulation material for roofs and facades based on biobased fibres in the already planned renovation and new construction in the period 2023-2027:**
 - a. 2023: 5% application
 - b. 2024: 15% application
 - c. 2025: 35% application
 - d. 2026: 70% application
 - e. 2027: 100% application
4. **Commitment to price development:**
 - a. 2023: maximum 8% higher than traditional (insulation) material
 - b. 2024: maximum 6% higher than traditional (insulation) material
 - c. 2025: maximum 4% higher than traditional (insulation) material
 - d. 2026: maximum 2% higher than traditional (insulation) material
 - e. 2027: maximum equal to traditional (insulation) material





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Advice to other regions

1. Focus on creating an ecosystem of innovative partners in your region – **you'll be surprised how many want to join!**
2. Use your governmental role to set standards for biobased buildings in policy where you can, and stimulate farmers by subsidies
3. Cooperate with your municipalities and central government to make this work
4. Let's cooperate and learn together!



Provincie Noord-Brabant

Thank you for your attention!
Any questions?



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**'Here, houses are grown'*